Index of Claims

| Application/C | Control No. |
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|---------------|-------------|

10/709,048

Examiner John C. Ingham Applicant(s)/Patent under Reexamination

DESHPANDE ET AL.

**Art Unit** 

2814

| <b>√</b> | Rejected |
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| =        | Allowed  |

| _ | (Through numeral)<br>Cancelled |
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| ÷ | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
|   | Interference |

| A | Appeal   |
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| 0 | Objected |

|  |  | <u> </u> | <u> </u>                   |               |                     |             | J              |              | Щ        |  |
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|  |  |          |                            |               |                     |             |                |              |          |  |
| Cla  | aim  | <u> </u> | _                          |               | !                   | Date        | e_             |              |          | _  |
| _ :  | क  | 2        | ιχ.                        | မ             | ۱,                  |             |                |              | İ        |  |
| Final  | Original   | 9/22/05  | 10/17/05                   | 2/22/06       | 2/5/06              |             |                | ŀ            |          |  |
| ΙŒ   | ا کِیّا  | 82       | 9                          | 22            | %                   |             |                |              |          | ŀ  |
|  |  |          | Ĺ                          |               |                     |             |                |              |          |  |
|  | 1  | +        | 1                          | 7             | V                   |             | Ĺ              |              |          |  |
|  | 2  | +        | ٧                          | 7             | 1                   |             |                |              |          |  |
|  | 1<br>2<br>3<br>4<br>5<br>6<br>7  | +        | 1                          | 7             | 1                   |             |                |              |          |  |
|  | 4  | +        | 1                          | 7             | 1                   |             |                |              |          |  |
|  | 5  | +        | 1                          | 7             | Ī                   |             | Π              | Г            |          |  |
|  | 6  | +        | 1                          | 1             | V                   | I           |                |              |          |  |
|  | 7  | +        | 7<br>7<br>7<br>7<br>7<br>7 | 1             | 1                   |             |                |              |          |  |
|  | 8  | +        | 1                          | 1             | 1                   |             | П              |              |          |  |
|  | 9  | +        | 1                          | 1             | 1                   |             | Г              | Г            | П        | Г  |
|  | 10   | +        | 1                          | 777777777     | <b>ファファファファファファ</b> | Π           | Π              | Π            | Г        | Г  |
|  | *1   | +        |                            |               |                     |             |                |              |          |  |
|  | 12   | +        | 7                          | <u>-</u><br>√ | 1                   | Г           |                | Г            | Г        |  |
|  | 8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>6<br>7<br>7<br>8<br>8<br>9<br>20<br>21<br>22<br>23<br>24<br>25<br>26<br>27<br>28<br>29 | +        | 1                          | 77            | -<br>7<br>7         | Г           | Π              | Г            | Π        | Γ  |
|  | 14   | +        | 1                          | 1             | 1                   |             |                |              |          |  |
|  | 145  | +        | N                          | -             |                     |             |                |              |          | Г  |
|  | 6  | +        | N                          | -             | <u> </u>            | Τ           | П              | T            | 1        | <del>                                     </del> |
|  | 17   | +        | N                          | -             |                     |             |                |              |          |  |
|  | 18   | +        | N                          | -             |                     |             |                |              | _        |  |
| <del> </del>                                     | 19   | +        | N                          | _             | $\vdash$            |             | ${}^{\dagger}$ | ╅            | ├─       | <del> </del>                                     |
|  | 70   | +        | N                          | -             |                     |             |                | t            |          |  |
|  | 盂  | +        | N                          | -             |                     | _           | ╁              | -            | ╁╴       | _  |
|  | 20   | +        | N                          | -             | _                   | $\vdash$    | ┢              |              | ╁        | <del>                                     </del> |
|  | 24   | +        | N                          |               |                     |             | H              | $\vdash$     | H        |  |
|  | 24   | +        | N                          | -             | ├                   | <del></del> | $\vdash$       | 1            |          | H  |
|  | ब्द  | +        | N                          |               | -                   | ┢           | -              | -            | $\vdash$ | ┢  |
| $\vdash$   | 26   |          | <u> </u>                   |               | -                   | $\vdash$    | $\vdash$       |              | $\vdash$ | H  |
| $\vdash$   | 27   |          |                            |               | _                   | $\vdash$    | $\vdash$       |              | -        | -  |
| $\vdash$   | 28   |          |                            |               | _                   | -           | $\vdash$       | ┢            | ┢        | $\vdash$   |
| $\vdash$   | 29   | $\vdash$ | $\vdash$                   | -             | _                   | $\vdash$    | _              | $\vdash$     | ┢        | $\vdash$   |
| $\vdash$   | 30   | _        | _                          |               |                     | -           | -              | ┢            | ⊢        | ┢  |
|  | 31   | _        |                            |               |                     | -           | -              | ┢            | $\vdash$ | ┢  |
|  | 32   |          |                            | -             | _                   |             | H              | ├            | $\vdash$ | ⊢  |
| $\vdash$   | 30<br>31<br>32<br>33<br>34   |          | H                          |               | H                   | H           | $\vdash$       | -            | -        | $\vdash$   |
|  | 3/1  |          | $\vdash$                   | $\dashv$      |                     | $\vdash$    | $\vdash$       | $\vdash$     | $\vdash$ | $\vdash$   |
|  | 35   |          | Н                          |               | -                   |             | $\vdash$       | <del> </del> | $\vdash$ |  |
| <del>                                     </del> | 35<br>36   |          | H                          | H             | -                   | H           | $\vdash$       | $\vdash$     | $\vdash$ | H  |
| <del>  </del>                                    | 37   | H        | Н                          |               |                     | $\vdash$    | $\vdash$       |              | $\vdash$ | H  |
| $\vdash\vdash$                                   | 30   |          | $\vdash$                   | -             | $\vdash$            | $\vdash$    | $\vdash$       | $\vdash$     |          |  |
| $\vdash$   | 38<br>39   |          | $\vdash\vdash$             |               | -                   |             |                | -            |          | ├─   |
| $\vdash \vdash \vdash$                           | 40   | $\vdash$ | $\dashv$                   | $\dashv$      |                     | ├─          | $\vdash$       | $\vdash$     | -        | $\vdash$   |
|  | 41   |          |                            |               | _                   | $\vdash$    |                | ┢            |          |  |
| $\vdash$   | 41   | $\vdash$ | $\vdash$                   | -             |                     | ┝┈          | $\vdash$       | $\vdash$     | -        | $\vdash$   |
|  | 43   | $\vdash$ | $\vdash$                   | $\dashv$      |                     | -           |                | -            | -        | -  |
|  | 43   | $\dashv$ | $\dashv$                   | $\dashv$      |                     | H           | $\vdash$       | $\vdash$     |          | $\vdash$   |
| $\vdash$   |  | $\vdash$ | $\dashv$                   | $\dashv$      | _                   | $\vdash$    | $\vdash$       | -            | -        | <u> </u>   |
|  | 45   | _        | $\dashv$                   | $\dashv$      |                     | _           | -              | $\vdash$     | <u> </u> | $\vdash$   |
| $\vdash$   | 46   |          | -                          | $\dashv$      |                     | _           | $\vdash$       |              | ├        | $\vdash$   |
|  | 47   | _        | -                          |               |                     | _           | $\vdash$       | $\vdash$     | <u> </u> | $\vdash$   |
|  | 48   | _        | $\vdash \vdash$            |               |                     | _           | <u> </u>       | $\vdash$     | <u> </u> |  |
| L  | 49<br>50   |          | $\sqcup$                   |               |                     |             | <u> </u>       | $\vdash$     | <u> </u> |  |
| : I  | 50   |          | . 1                        | ŀ             |                     |             |                | 1            | 1        | t l  |

| Cla      | aim                  | l        |          |              |          | Date     | е        |          |          |  |      | Cla      | im       |                                     |          |          | [        | Date     | е              |          |                |   |
|----------|----------------------|----------|----------|--------------|----------|----------|----------|----------|----------|--|------|----------|----------|-------------------------------------|----------|----------|----------|----------|----------------|----------|----------------|---|
| <u>0</u> | Original             | 9/22/05  | 10/17/05 | 2/22/06      | 90/5/2   |          |          |          |          |  |      | Final    | Original |                                     |          |          |          |          |                |          |                |   |
|          | 1                    | +        | 1        | 1            | 1        |          |          |          |          |  | 1    |          | 51       |                                     |          |          |          |          |                |          |                |   |
|          | 2                    | +        | 1        | 1            | 1        |          |          |          |          |  | 1    |          | 52       |                                     |          |          |          |          |                |          |                |   |
|          | 3                    | +        | 1        | 7            | 7        |          |          |          | _        | П  | 1    |          | 53       |                                     |          |          |          |          | Г              |          |                |   |
|          | 4                    | +        | 1        | 1            | 7        |          | $\vdash$ |          |          | T  | 1    |          | 54       | $\vdash$                            | _        | $\vdash$ | ┢        | Т        | 1-             | _        | П              |   |
|          | 5                    | +        | Ì        | V            | 7        | _        | -        | -        |          | H  | 1    |          | 55       | $\vdash$                            | -        | ┢        | $\vdash$ | H        | H              |          | Н              |   |
| _        | 6                    | +        | Ť        | 1            | 1        |          | -        | $\vdash$ | -        |  | 1 1  |          | 56       | $\vdash$                            |          | $\vdash$ | ⊢        | $\vdash$ | ┝              | $\vdash$ | Н              |   |
|          | 7                    | _        | 1        | 1            | 1        | _        | <u> </u> |          | -        | ┝  | 1 1  |          | 50       |                                     |          | ⊢        | ┝        | ┝        | <u> </u>       | H        | $\vdash$       |   |
|          |                      | +        |          |              |          |          | ├        | ├        |          |  | 1 1  |          | 57       | L                                   |          | <u> </u> | ├        | <u> </u> | -              | _        | Н              |   |
| _        | 8                    | +        | 7        | 7            | 7        | _        | <u> </u> | ļ        | <u> </u> | <u> </u>   | 1    |          | 58       | <u> </u>                            | _        | _        |          | <u> </u> | <u> </u>       |          | Н              |   |
|          | 9                    | +        | 7        | 7            | <b>√</b> |          |          | L_       | 匚        |  |      |          | 59       | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |          | _        | <u> </u> | <u> </u> |                |          |                | _ |
|          | 10                   | +        | 7        | 1            | 1        |          |          |          |          |  |      |          | 60       |                                     |          |          |          |          |                |          | Ш              |   |
|          | £                    | +        | 7        | -            | -        |          |          |          | L        |  |      |          | 61<br>62 |                                     |          |          |          | L        |                |          |                |   |
|          | 12                   | +        | 7        | 7            | 7        |          |          |          |          |  |      |          | 62       |                                     |          |          |          |          |                |          |                |   |
|          | 13                   | +        | 7        | 7            | 1        |          |          |          |          |  | ] [  |          | 63       |                                     |          |          |          |          |                |          |                |   |
|          | 14                   | +        | 1        | 1            | 1        |          |          |          |          |  | 1 1  |          | 64       |                                     |          |          |          |          |                |          |                |   |
|          |                      | +        | N        | -            |          |          |          | <u> </u> |          | Г  | 1 1  |          | 65       |                                     |          |          |          |          |                |          | П              |   |
|          | 5                    | +        | N        | -            | _        | _        | $\vdash$ | _        | -        | <del>                                     </del> | i i  |          | 66       |                                     |          | _        | _        |          |                |          | П              |   |
|          | 17                   | +        | N        | -            |          |          |          | $\vdash$ |          |  | 1 1  |          | 67       | Н                                   |          |          | -        | _        | -              | -        |                |   |
|          | 100                  | +        | N        | -            |          |          |          | ┢╾       | -        |  | 1 1  |          | 68       | $\vdash$                            | _        | _        | $\vdash$ | -        | -              | _        |                |   |
| _        | # <del>19 70 7</del> | +        | N        | <del>-</del> | _        |          | _        | _        |          |  | 1 1  |          | 60       |                                     | _        | _        | -        | -        | $\vdash$       |          | $\vdash$       |   |
| -        | 36                   | +        | N        | -            | -        | -        |          |          | $\vdash$ | $\vdash$   | 1 1  | $\dashv$ | 69<br>70 | -                                   | _        | -        | -        | _        | -              | -        |                |   |
| -        | 3                    | +        | N        | -            |          | -        |          | -        | -        | -  | } }  |          | 71       | -                                   |          |          |          |          |                |          |                |   |
| _        | 22                   | +        |          | _            | -        |          | _        |          | ├        | -  | 1    |          | 72       | -                                   |          |          | _        | _        | -              | -        | -              |   |
| _        | 23                   | +        | N        | -            |          |          |          |          | ⊢        | ⊢  | 1    |          | 72<br>73 | Н                                   |          |          |          |          | H              |          | $\vdash$       | _ |
|          | 24                   | +        | N        | -            |          |          |          |          |          | ├  | { }  |          | 74       | Н                                   |          |          |          |          |                |          | $\vdash$       |   |
| _        | 24                   | _        | N        | -            | _        |          |          |          |          | -  |      |          | 75       |                                     |          |          |          | _        | -              | _        | $\vdash$       |   |
|          | 25                   | +        | N        | -            |          |          | -        |          | -        | <u> </u>   |      |          | 75<br>76 | Н                                   |          | -        | _        |          |                |          | $\vdash$       |   |
|          | 26                   |          |          |              |          |          |          |          | -        | _  |      |          |          | $\vdash$                            |          |          | -        |          |                |          | $\vdash$       |   |
|          | 27<br>28             |          |          |              |          |          |          |          | _        | _  |      |          | 77<br>78 | $\vdash$                            |          |          |          |          |                |          | $\vdash$       |   |
| _        | 29                   | $\vdash$ |          |              |          |          |          |          |          | ┢  |      |          | 79       |                                     |          |          |          |          |                |          | $\vdash$       |   |
|          | 29                   | -        |          |              |          |          |          |          |          |  |      |          | 00       |                                     |          |          |          |          | _              |          | $\vdash$       |   |
| -        | 30                   | $\vdash$ |          |              |          |          |          |          | _        | _  |      |          | 80       |                                     |          |          |          |          | <u> </u>       | _        |                |   |
| _        | 31<br>32             | -        | _        |              | _        | _        |          |          | -        | -  |      |          | 81       |                                     | _        | _        |          |          | ⊢              |          | $\vdash$       |   |
| -        | 32                   | $\dashv$ |          |              |          | $\dashv$ |          | -        | ┝        | <u> </u>   | ł. ł |          | 82       |                                     |          |          | _        |          | $\vdash$       | =        | $\vdash\vdash$ | _ |
| _        | 33                   | -        |          |              |          |          |          |          | ┡        | ┝  |      |          | 83       |                                     | _        |          |          |          | $\vdash$       |          | $\vdash$       |   |
|          | 34                   | -        | _        |              |          | _        |          |          | <u> </u> | ├  |      |          | 84       |                                     |          |          |          | _        |                |          |                |   |
|          | 35                   |          |          |              |          |          |          |          | -        | -  |      |          | 85       |                                     |          |          |          |          |                |          | $\dashv$       |   |
|          | 36                   | -        |          |              | -        | -        |          |          | <u> </u> | _  |      |          | 86       |                                     |          |          |          |          |                |          | $\dashv$       | _ |
| _        | 37                   |          | -        | -            | -        | -        |          |          | _        | -  |      |          | 87       | Ш                                   | _        |          |          |          |                |          |                |   |
| _        | 38                   |          |          | _            |          |          |          |          |          | _  |      |          | 88       | Ш                                   |          |          |          | -        | _              |          |                |   |
| _        | 39                   |          |          |              |          |          |          |          | _        |  |      |          | 89       |                                     |          |          |          |          | _              |          |                |   |
| _        | 40                   |          |          |              |          | ᅴ        |          |          |          |  |      |          | 90       |                                     | _        |          |          |          | _              | Щ        |                |   |
|          | 41                   |          |          | _            | -        |          |          |          |          |  |      |          | 91       | _                                   | _        |          |          |          |                |          |                |   |
| -        | 42                   |          |          |              |          |          |          |          | _        |  |      |          | 92       | $\Box$                              |          |          |          |          |                |          | $\dashv$       |   |
| _        | 43                   | _        |          | -            | -        | -        |          |          |          |  |      |          | 93       | $\blacksquare$                      |          |          |          |          | Ш              |          |                |   |
| $\dashv$ | 44                   | -        | $\dashv$ | $\dashv$     | _        | $\dashv$ | $\vdash$ |          | -        |  |      |          | 94       | $\vdash \dashv$                     |          | _        | $\vdash$ |          | $\vdash\vdash$ | $\vdash$ | $\dashv$       | _ |
| -        | 45<br>46             | -        | $\dashv$ | $\dashv$     |          | $\dashv$ |          | $\vdash$ |          |  |      |          | 95<br>96 | $\vdash$                            | $\dashv$ |          | $\vdash$ | $\vdash$ | $\vdash$       | -        |                |   |
| $\dashv$ | 47                   | -        | $\dashv$ | $\dashv$     | $\dashv$ | $\dashv$ |          | $\vdash$ |          | -  | }    |          | 97       | $\vdash$                            |          |          | -        |          | Н              |          | $\dashv$       |   |
| $\dashv$ | 48                   | -        |          |              |          | -        | -        |          | -        |  | }    | $\dashv$ | 98       | $\vdash$                            |          |          |          |          | $\vdash$       | $\dashv$ |                |   |
| $\dashv$ | 49                   | -        |          |              |          |          | -        | $\vdash$ | $\vdash$ | -  |      |          | 99       | $\vdash\dashv$                      |          | _        | $\vdash$ |          | Н              |          | $\dashv$       |   |
| ᅱ        | 50                   |          | $\dashv$ |              |          |          | $\vdash$ | $\vdash$ | $\vdash$ |  |      |          | 100      | $\vdash$                            | -        |          | -        |          | H              | $\vdash$ | $\dashv$       |   |
|          | 50                   |          | _        |              | !        |          |          | لـــا    | Щ        | _  | , ,  |          | 100      | L                                   |          |          |          |          | لـــا          |          |                | _ |

| Cli   | aim                      | Date |  |   |          |  |  |   |   |   |  |
|-------|--------------------------|------|--|---|----------|--|--|---|---|---|--|
|       |                          |      |  |   | ľ        |  |  |   |   |   |  |
| Final | Original                 |      |  |   |          |  |  |   | l |   |  |
| Ē     | rig                      |      |  |   |          |  |  |   |   |   |  |
|       |                          |      |  |   | 1        |  |  |   | l |   |  |
|       | 101                      |      |  | Г |          |  |  |   |   | П |  |
|       | 101<br>102               |      |  |   |          |  |  |   |   | П |  |
|       | 103                      |      |  |   |          |  |  |   |   | П |  |
|       | 103<br>104               |      |  |   |          |  |  |   |   | П |  |
|       | 105                      | Г    |  | Г | Г        |  |  |   |   |   |  |
|       | 106                      |      |  |   |          |  |  |   |   |   |  |
|       | 107                      |      |  |   |          |  |  |   |   |   |  |
|       | 108<br>109               |      |  |   | <u> </u> |  |  |   |   |   |  |
|       | 109                      |      |  |   |          |  |  |   |   |   |  |
|       | 110                      | ·    |  | Г |          |  |  |   |   |   |  |
|       | 111<br>112<br>113        |      |  |   |          |  |  |   |   |   |  |
|       | 112                      | Г    |  |   |          |  |  |   |   | П |  |
|       | 113                      | Γ    |  |   | l        | Ι.   |  |   |   |   |  |
|       | 114                      |      |  |   |          |  |  |   |   |   |  |
|       | 115                      |      |  |   |          |  |  |   |   |   |  |
|       | 116                      |      |  |   |          |  |  |   |   |   |  |
|       | 114<br>115<br>116<br>117 | L    |  |   |          |  |  |   |   |   |  |
|       | 118<br>119<br>120<br>121 |      |  |   |          |  |  |   |   |   |  |
|       | 119                      |      |  |   | _        | <del>                                     </del> |  |   |   |   |  |
|       | 120                      |      |  |   |          |  |  |   |   | П |  |
|       | 121                      |      |  |   |          |  |  |   |   |   |  |
|       | 122                      |      |  |   |          |  |  | Г | Г |   |  |
|       | 123                      |      |  |   |          |  |  |   |   |   |  |
|       | 124<br>125               | П    |  |   |          |  |  |   |   |   |  |
|       | 125                      |      |  |   |          |  |  |   |   |   |  |
|       | 126                      |      |  |   |          |  |  | П |   |   |  |
|       | 127<br>128<br>129        |      |  |   |          |  |  |   |   |   |  |
|       | 128                      |      |  |   |          |  |  |   |   |   |  |
|       | 129                      |      |  |   |          |  |  |   |   |   |  |
|       | 130<br>131               |      |  |   |          |  |  |   |   |   |  |
|       | 131                      |      |  |   |          |  |  |   |   |   |  |
|       | 132                      | -    |  |   |          |  |  |   |   |   |  |
|       | 133                      |      |  |   |          |  |  |   |   |   |  |
|       | 134                      |      |  |   |          |  |  |   |   |   |  |
|       | 135                      |      |  |   |          |  |  |   |   |   |  |
|       | 136                      |      |  |   |          |  |  |   |   |   |  |
|       | 137                      |      |  |   |          |  |  |   |   |   |  |
|       | 138                      |      |  |   |          |  |  |   |   |   |  |
|       | 139                      |      |  |   |          |  |  |   |   |   |  |
|       | 140                      |      |  |   |          |  |  |   |   |   |  |
|       | 141                      |      |  |   |          |  |  |   |   |   |  |
|       | 142                      |      |  |   |          |  |  |   |   |   |  |
|       | 143                      |      |  |   |          |  |  |   |   |   |  |
|       | 144                      |      |  |   |          |  |  |   |   |   |  |
|       | 145                      |      |  |   |          |  |  |   |   |   |  |
|       | 146                      |      |  |   |          |  |  |   |   |   |  |
|       | 147                      |      |  |   |          |  |  |   |   |   |  |
|       | 148                      |      |  |   |          |  |  |   |   |   |  |
|       | 149                      |      |  |   |          |  |  |   |   |   |  |
|       | 150                      |      |  |   |          |  |  |   |   |   |  |
|       |                          |      |  |   |          |  |  |   |   |   |  |